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INDEX TO AMERICAN BOTANICAL LITERATURE

(1910-1911)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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- Arthur, J. C.** Some Alaskan and Yukon rusts. *Plant World* **14**: 233-236. O 1911.
- Banker, H. J.** *Steccherinum septentrionale* (Fr.) Banker in Indiana. *Proc. Indiana Acad. Sci.* **1910**: 213-218. 1911. [Illust.]
- Barker, E. E.** Notes on the royal moccasin flower. *Plant World* **14**: 190-194. f. 3. Au 1911.
- Bather, F. A., & Calman, W. T.** Transference of the term "genotype." *Science* II. **34**: 685. 17 N 1911.
- Bicknell, E. P.** The ferns and flowering plants of Nantucket—VIII. *Bull. Torrey Club* **38**: 447-460. 4 N 1911.
- Blumer, J. C.** Change of aspect with altitude. *Plant World* **14**: 236-248. O 1911.
- Brainerd, E.** Cyrus Guernsey Pringle. *Rhodora* **13**: 225-232. 25 N 1911. [Illust.]
- Britton, E. G.** Fungi on mosses. *Bryologist* **14**: 103. N 1911.
- Britton, N. L.** Report on a visit to the Royal Gardens, Kew, England, and to the British Museum of Natural History. *Jour. N. Y. Bot. Gard.* **12**: 215-218. O 1911.
- Brown, N. E.** *Caladium pubescens*. *Curt. Bot. Mag.* IV. **7**: pl. 8402. N 1911.
A plant from Peru.

- Campbell, D. H.** A sketch of the history of plant morphology in America. *Plant World* **14**: 105-110. My 1911.
- Cardot, J.** Note sur les mousses rapportées par la seconde expédition antarctique française, sous le commandement du Dr. Jean Charcot. *Rev. Bry.* **38**: 124-127. 1911.
- Chittenden, F. J.** The effect of the frosts of the winter of 1908-09 on vegetation. *Jour. Royal Hort. Soc.* **36**: 358-404. N 1910.
- Christ, H.** On *Psomiocarpa*, a neglected genus of ferns. *Smithsonian Misc. Coll.* **56**²³: 1-3. *pl.* 1 + *f.* 1. 21 N 1911.
Includes *Psomiocarpa Maxoni* sp. nov. from Jamaica.
- Chrysler, M. A.** More botanical errors. *Science* II. **34**: 603. 3 N 1911.
- Clark, C. F.** Observations on the blooming of timothy. *Plant World* **14**: 131-135. *f.* 1, 2. Je 1911.
- Clinton, G. P.** Report of the botanist 1908. Report Connecticut Agr. Exp. Sta. **1907-1908**: 849-934. *pl.* 60-74. Jl 1909.
- Clute, W. N.** The flora of the Chicago plain. *Am. Bot.* **17**: 65-70. Au 1911. [Illust.]
- Clute, W. N., & Ferriss, J. H.** A new species of *Phlox*. *Am. Bot.* **17**: 74-76. Au 1911.
Phlox argillacea sp. nov.
- Coker, W. C., & Wilson, L.** *Schizosaccharomyces octosporus*. *Mycologia* **3**: 283-287. *pl.* 55 + *f.* 1, 2. N 1911.
- Cook, M. T.** A common error concerning cecidia. *Science* II. **34**: 683-684. 17 N 1911.
- Cook, M. T.** Some problems in cecidology. *Bot. Gaz.* **52**: 386-390. 15 N 1911.
- Cooper, W. S.** Reproduction by layering among conifers. *Bot. Gaz.* **52**: 369-379. *f.* 1. 15 N 1911.
- Copeland, E. B.** New ferns from Sibuyan. *Leaflets Philip. Bot.* **4**: 1149-1152. 7 O 1911.
Includes descriptions of 6 new species.
- Coulter, J. M.** The endosperm of angiosperms. *Bot. Gaz.* **52**: 380-385. 15 N 1911.
- Fairchild, D.** Seeds and plants imported during the period from October 1 to December 31, 1910. U. S. Dept. Agr. Plant Ind. Bull. **227**: 1-60. 2 N 1911.
- Fernald, M. L.** A pubescent variety of *Vaccinium vacillans*. *Rhodora* **13**: 235, 236. 25 N 1911.

- Fink, B.** Concerning botanical investigation in colleges. *Science* **11**: 34: 593-595. 3 N 1911.
- Fink, B., & Lantis, V.** Climatic conditions and plant growth in southwestern Ohio in 1908 and 1909. *Ohio Nat.* **12**: 385-396. N 1911.
- Fisher, M. L.** Report of corn pollination—II. *Proc. Indiana Acad. Sci.* **1910**: 245. 1911.
- Flynn, N. F.** The sixteenth annual meeting of the Vermont Botanical Club. *Rhodora* **13**: 237, 238. 25 N 1911.
- Free, E. E.** Studies in soil physics—II. The movements of soil water. *Plant World* **14**: 59-66. Mr 1911;—III. Soil water and the plant. *Plant World* **14**: 110-119. My 1911;—IV. The physical constants of soils. *Plant World* **14**: 164-176. Jl 1911;—V. Soil temperature. *Plant World* **14**: 186-190. Au 1911.
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- Fuhrmeister, W.** Jahresbericht der Deutschen Kakteen-Gesellschaft. *Monats. Kakteenk.* **21**: 146-148. 15 O 1911.
- Gager, C. S.** Cryptomeric inheritance in *Onagra*. *Bull. Torrey Club* **38**: 461-471. *pl.* 20, 21 + *f.* 1, 2. 4 N 1911.
- Gates, F. C.** An addition to the description of *Streptopus longipes* Fernald. *Rhodora* **13**: 237. 25 N 1911.
- Gates, R. R.** Mutation in *Oenothera*. *Am. Nat.* **45**: 577-606. O 1911.
- Greene, E. L.** Accessions to *Apocynum*. *Leaflets* **2**: 164. 18 N 1911.
- Greene, E. L.** The genus *Saviniona*. *Leaflets* **2**: 159-163. 18 N 1911.
- Greene, E. L.** Miscellaneous specific types—IV. *Leaflets* **2**: 153-159. 18 N 1911.
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- Greenman, J. M.** Some Canadian Senecios. *Ottawa Nat.* **25**: 114-118. N 1911.
Four new species described.
- Greenwood, H. E.** Some stages in the development of *Pellia epiphylla*. *Bryologist* **14**: 93-100. *pl.* 15 + *f.* 38-40, 43. N 1911.
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- Harper, R. M.** The relation of climax vegetation to islands and peninsulas. *Bull. Torrey Club* **38**: 515-525. 1 D 1911.
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- Hasse, H. E.** Additions to the lichen flora of southern California—No. 6. *Bryologist* **14**: 100-102. N 1911.
Includes descriptions of 4 new species.
- Hatchley, W. Y.** Natural history notes. *Jour. and Proc. Hamilton Assoc. Sci.* **25, 26**: 122-124. 1910.
- Heller, A. A.** The North American lupines—V. *Muhlenbergia* **7**: 85-95. *pl.* 6 + *f.* 13-17. 17 N 1911.
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- Hubbard, F. C.** *Anthyllis Vulneraria* at Cromwell, Connecticut. *Rhodora* **13**: 240. 25 N 1911.
- Hus, H.** Frondescence and fasciation. *Plant World* **14**: 181-186. *f.* 1, 2. Au 1911.
- Hus, H.** The origin of species in nature. *Am. Nat.* **45**: 641-667. *f.* 1-7. N 1911.
- Hus, H., & Murdock, A. W.** Inheritance of fasciation in *Zea Mays*. *Plant World* **14**: 88-96. *f.* 1. Ap 1911.
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- Knowlton, C. H., and others.** Report on the flora of the Boston district. Rhodora **13**: 232-235. 25 N 1911.
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Fifteen new species described.
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